



# VIRTUAL CLOUD CONNECTION

The US Signal Virtual Cloud Connection (VCC) provides customers with dedicated network access to major public cloud environments from the US Signal network. Simplify private network topology without having to directly peer or collocate with cloud providers' environments.

## AT-A-GLANCE

- + Pair with US Signal Enterprise Cloud products for private connectivity between compute environments
- + Flat-rate transit costs for each connectivity option in your VCC network
- + Reduce traffic encapsulation overhead from traditional VPN private connectivity options
- + Decrease the number of hops across open Internet to public compute resources
- + 802.1Q support for transporting multiple VLANs
- + Connect to major public cloud environments like AWS, Azure, Google, IBM SoftLayer, and Oracle

## TECHNICAL OVERVIEW

Simple direct network connectivity to public cloud environments without having to peer directly or collocate networking equipment in provider supported data centers. Once the VCC connection is provided from US Signal, additional configuration within your public cloud provider's portal will be required to fully establish the private connectivity.

- + 802.1Q support
- + Dedicated bandwidth
- + Layer-3 connectivity
- + Lower latencies
- + Built-in network redundancy

## BENEFITS

### Increased Security

Keep your data off the unsecured public Internet and segregate it with private transport.

### Improved Performance

Avoid the variable number of hops over the open Internet by creating a dedicated path.

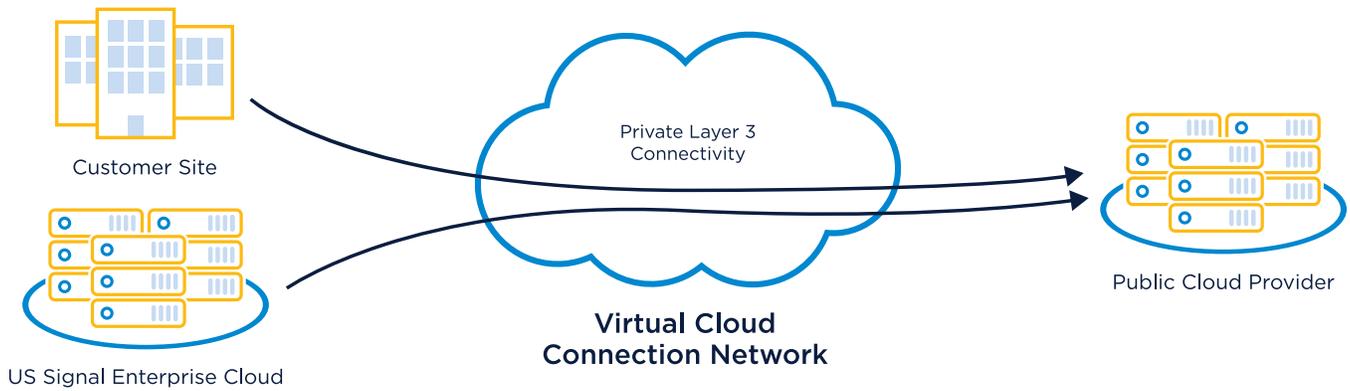
### Simplified Billing

Pay one flat transport rate and see no surprises from US Signal.

# VIRTUAL CLOUD CONNECTION TECH SHEET

## CONFIGURATION

Utilize VCC to establish private layer-3 connectivity between your private data center or US Signal Enterprise Cloud environments.



## PUBLIC CLOUD PROVIDER

Bandwidth	AWS Direct Connect	Azure Express Route	Google Interconnect
50 Mbps	X	X	-
100 Mbps	X	X	-
200 Mbps	X	X	-
300 Mbps	X	-	-
400 Mbps	X	-	-
500 Mbps	X	X	-
1 Gbps	X	X	X

The above bandwidths are available between the US Signal network and public cloud providers.